

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A system for communications between computers in a CIM and DMI network, comprising:
a proxy Common Information Model Object Module (CIMOM) CIMOM in communicationscoupled with a plurality of Common Information Model (CIM) CIM client applications;
a Desktop Management Interface (DMI) DMI service provider in communicationscoupled with a plurality of DMI component instrumentationinstrumentations; and
a CIM to DMI provider connected to-coupled with the proxy CIMOM and the DMI service provider, the CIM to DMI provider to register the plurality of CIM client applications and the plurality of DMI component instrumentationinstrumentations,
receive events from the DMI service provider,
receive interrupts from the proxy CIMOM,
receive information from both the proxy CIMOM and the DMI service provider, and
consolidate the information received from the DMI service provider, and
translate all said the interrupts, said the events, and said the information into a format suitable for an intended recipient, wherein said the intended recipient comprises is one of either the proxy of CIM client applications or the plurality of DMI component instrumentationinstrumentations.

2. (Currently Amended) The system ~~recited in~~ of claim 1, wherein the CIM to DMI provider further comprises:
 - a DMI events and CIM requests processing module to
 - register the plurality of CIM client applications and the plurality of DMI component ~~instrumentation~~instrumentations,
 - receive events from the DMI service provider,
 - receive interrupts from the proxy CIMOM, and
 - receive information from both the proxy CIMOM and the DMI service provider.
3. (Currently Amended) The system ~~recited in~~ of claim 2, wherein the CIM to DMI provider further comprises:
 - a CIM to DMI translation module ~~connected-coupled with~~ to the DMI events and CIM requesting module to
 - translate DMI requests and messages ~~to~~into CIM objects, and ~~to~~
 - translate CIM objects ~~to~~into DMI requests and messages.
4. (Currently Amended) The system ~~recited in~~ of claim 3, wherein the CIM to DMI provider further comprises:
 - a CIMOM interface provider ~~connected to~~coupled with the proxy CIMOM and the DMI events and CIM requests processing module, the CIMOM interface to
 - receive CIM client application requests, and

transmit the CIM client application requests to the DMI events and CIM request processing module, and

receive CIM objects from the DMI events and CIM requests processing module, and

transmit the CIM objects to the proxy CIMOM.

5. (Currently Amended) The system ~~recited in~~ of claim 3, wherein the CIM to DMI provider further comprises:

a DMI event callback interface module ~~connected to~~ coupled with the DMI service provider and the DMI events and CIM requests processing module, the DMI event callback interface to

receive DMI events, and

transmit the DMI events to the DMI events and CIM requests processing module.

6. (Currently Amended) The system ~~recited in~~ of claim 5, wherein the CIM to DMI provider further comprises:

a CIMOM event interface ~~connected to~~ coupled with the proxy CIMOM and the DMI events and CIM requests processing module, the CIMOM events interface to transmit CIM interrupts to the proxy CIMOM, wherein the interrupts are translated from the DMI events received by the DMI event callback interface and transmitted by the DMI events and CIM requests processing module using the CIM to DMI translation module.

7. (Currently Amended) The system ~~recited in~~ of claim 3, wherein the CIM to DMI provider further comprises:

a CIM provider callback interface ~~connected to~~coupled with the proxy CIMOM and the DMI events and CIM requests processing module, the CIM provider to receive CIM requests from the plurality of CIM client applications, ~~and~~ transmit ~~them~~ the CIM requests to the DMI events and CIM requests processing module, and to transmit to the proxy CIM all the translated DMI events received from the DMI events and CIM requests processing module to the proxy CIMOM.

8. (Currently Amended) The system ~~recited in~~ of claim 7, wherein the CIM to DMI provider further comprises:

a DMI management client interface ~~connected to~~coupled with the DMI service provider and the DMI events and CIM requests processing module, the DMI management client interface to receive DMI requests from the DMI service provider, ~~and~~ transmit ~~them~~ the DMI requests to the DMI events and CIM request processing module, ~~and~~ receive from the DMI events and CIM requests processing module CIM requests translated into DMI format, ~~and transmitting~~ transmit the DMI formatted CIM requests to the DMI service provider.

9. (Currently Amended) A method of ~~communicating between computers in a CIM network and a DMI network~~, comprising:

instantiating an object request for a class by a Common Information Model (CIM) ~~CIM~~ client application;

transmitting the object request to a proxy Common Information Model Object Module (CIMOM) ~~CIMOM~~; that relays

~~relying~~ the object request to a CIM to Desktop Management Interface (DMI) ~~DMI~~ provider;

translating the object request to a DMI request; and

transmitting to the DMI request to a DMI component instrumentation via a DMI service provider;

receiving a plurality of responses from the DMI service provider; and

consolidating the plurality of responses.

10. (Currently Amended) The method ~~recited in~~ of claim 9, further comprising:

transmitting an event generated by the DMI component instrumentation to the CIM to DMI provider via the DMI service provider;

translating the event into a CIM interrupt; and

transmitting the CIM interrupt to a CIM client application via a proxy CIMOM.

11. (Currently Amended) The method ~~recited in~~ of claim 9, further comprising:

registering a CIM to DMI provider with a DMI service provider as a DMI management application;

receiving a DMI event or CIM request;

translating the DMI event into a CIM interrupt or the CIM request into a DMI request; and

transmitting the translated CIM interrupt to the CIM client application or the translated DMI request to the DMI component instrumentation.

12. (Currently Amended) The method ~~recited in~~ of claim 9, wherein the translating of the object request to a DMI request is ~~done preformed~~ by a CIM to DMI translation module.

13. (Currently Amended) A ~~computer program embodied on a computer readable medium executable by a computer, comprising machine-readable medium having data stored thereon representing sets of instructions which, when executed by a machine, cause the machine to:~~ instantiating instantiate an object request for a class by a Common Information Model (CIM) CIM-client application; transmitting transmit the object request to a proxy Common Information Model Object Module (CIMOM) CIMOM that relays the object request to a CIM to Desktop Management Interface (DMI) CIM-to-DMI-provider; translating translate the object request to a DMI request; and transmitting transmit the DMI request to a DMI component instrumentation via a DMI service provider.

14. (Currently Amended) The ~~computer program recited in machine-readable medium~~ of claim 13, wherein the sets of instructions, when executed by the machine, further cause the machine to comprising:
~~transmitting transmit~~ an event generated by the DMI component instrumentation to the CIM to DMI provider via the DMI service provider;
~~translating translate~~ the event into a CIM interrupt; and
~~transmitting transmit~~ the CIM interrupt to a CIM client application via a proxy CIMOM.

15. (Currently Amended) The ~~computer program recited in machine-readable medium~~ of claim 13, wherein the sets of instructions, when executed by the machine, further cause the machine to comprising:
~~registering register~~ a CIM to DMI provider with a DMI service provider as a DMI management application;
~~receiving receive~~ a DMI event ~~or CIM request~~;
~~translating translate~~ the DMI event into a CIM interrupt ~~or the CIM request into a DMI request~~; and
~~transmitting transmit~~ the translated CIM interrupt to the CIM client application ~~or the translated DMI request to the DMI component instrumentation~~.

16. (Currently Amended) The ~~computer program recited in machine-readable medium~~ of claim 13, wherein translating the object request to into a DMI request is done preformed by a CIM to DMI translation module.